PRO AUDIO LOUDSPEAKERS

Professional Loudspeakers

AMT-15, AMT-12

The **AMT-15** and **AMT-12** speakers are designed to deliver high-output music and sound reinforcement in a cost-efficient package.

The AMT-15's robust 15-inch woofer offers rich, dynamic bass response down to 50 Hz. The 45mm compression driver diaphragm, comprised of a titanium alloy for added strength and rigidity, effortlessly handles the high input levels to match the woofer. A carefully designed crossover network accurately filters each driver for proper matching of phase and summation in the crossover region. The transition is much smoother than other loudspeakers in this class, making the sound more accurate and more realistic.

The AMT-12 combines the same high-output compression driver used in the AMT-15 with a high-sensitivity 12-inch woofer designed to maximize output. Slightly smaller and lighter, the AMT-12 can still fill larger rooms with plenty of power and with very accurate sound.

AMT-15 AMT-12

APOGEE SOUND INTERNATIONAL

Product Features:

- Molded polypropylene construction
- Heavy gauge steel grilles with powder-coated finish
- Large, high-sensitivity woofers
- Ferrofluid-cooled and damped, high-output titanium alloy compression drivers
- Up to 300W power handling capability for AMT-15; 200W for AMT-12
- Rich, dynamic bass response
- Versatile mounting abilities with an integral tripod mount, attachment points for fly-rigging & stacking speakers directly on one another with top-side sockets to receive speaker feet
- Lightweight, with integral carrying handle molded into speaker housing
- Two combo input connectors: 1/4" Phone and Speakon™
- Smooth, precise passive crossover

Accessories

109-2140
AMT Rigging Beam Assembly

109-2151
AMT Rigging Kit

NEW!

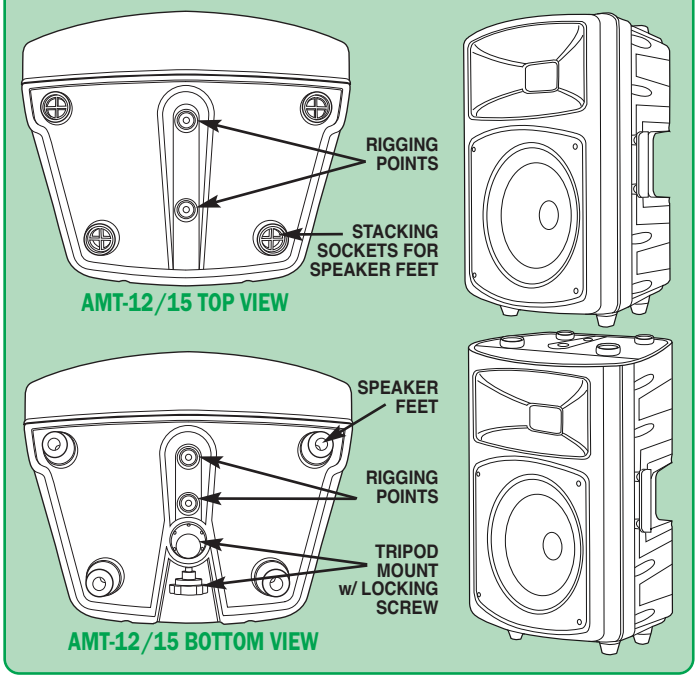
108-2120
AMT-12 Yoke Assembly

NEW!

108-2150
AMT-15 Yoke Assembly

ATS70GB
AMT Tripod Speaker Stand

MOUNTING POINTS



Technical Specifications:

Model	Drivers	Frequency Response	Sensitivity	Dispersion	Impedance	Power Handling	Dimensions	Product Weight
AMT-15	15" Woofer; 45mm Compression Driver	50 Hz - 20 kHz	98 dB (1W @ 1m)	Horizontal: 65 degrees; Vertical: 65 degrees	8-ohm	300 watts	27" H x 19" W x 15" D	47 lb.
AMT-12	12" Woofer; 45mm Compression Driver	60 Hz - 20 kHz	96 dB (1W @ 1m)		8-ohm	200 watts	23" H x 16-1/4" W x 13" D	37 lb.

NEAR® ORBIT SPEAKERS

N·E·A·R®

ORBIT Ceiling Speaker
OCS1

NEAR Orbit Ceiling Speakers are the ideal choice for installations where the quality of music and vocal reinforcement are crucial.

OCS1 *Product Features:*

- Computer-matched venting system and large back can provide exceptionally full bass output
- Easy wiring with snap-on connector
- Front-mounted tap selector under grille
- Attachment point for seismic *(safety)* cable
- Input terminal cover with knockouts provides protection for connections
- Heavy-gauge plated steel back can
- Integral swing-out clamps secure installation in the ceiling
- Attractive heavy-gauge steel grille assembly with fine perforations
- Off-white textured finish, paintable
- Complies with UL-2043

N·E·A·R®

ORBIT Pendant Speaker
OPS1

NEAR Orbit Pendant Speakers provide an ideal sound solution for open space environments that require clear, quality sound evenly distributed throughout the area. These speakers offer a pleasing industrial design and mount from above.

OPS1B

OPS1W

OPS1 *Product Features:*

- Specially designed to provide full-range bass in open space environments
- Easy-to-use cable suspension system includes three suspension cables with attached forged eyebolts
- Large cabinet volume and computer-matched venting system for superior bass output
- Snap-lock input connector for easy wiring to drop cables
- Low-resonance cabinet structure
- Threaded brass insert point for optional safety cable eyebolt
- Color-matched suspension cables & hardware
- Powder-coated, perforated sturdy steel grille
- Available in dark gray and off-white textured, paintable finish

2 COLOR CHOICES*:

DARK GRAY OFF-WHITE

*Actual color may vary from these catalog samples.

OCS1 & OPS1 *Technical Specifications:*

Impedance	Power Handling	Dimensions	Product Weight
16 ohms	100W	**OCS1:** 12-3/8" dia. x 12" D	10 lb.
70V	32, 16, 8, 4, 2, & 1 W taps	**OPS1:** 15" dia. x 9-1/4" D	
100V	32, 16, 8, 4, & 2 W taps		

Accessories

TBCR
Tile Bridge Support Ring
(OCS1 only)

CK10B
(Black)
CK10W
(Off-white)
CK10
(Silver)
10 ft. Cable Kits

Product Features for both OCS1 & OPS1*:*

- 140-degree wide-dispersion coaxial driver for broad, even coverage
- Stable, high-definition metal-alloy woofer cone
- 6-1/2" MDT metal-alloy cone delivers detailed sound; 3/4" polycarbonate tweeter
- MLS voice coil centering system
- High-efficiency drivers deliver superior performance
- Extremely good off-axis response
- For 16-ohm, 70V, and 100V systems
- Frequency response: 45 Hz to 19 kHz
- Sensitivity: 89.5 dBspl
- Connector provides loop-through to next speaker
- Fire-rated *(UL 94V-0)* ABS baffle
- Listed to UL Standard 60065 for US and Canada

NEAR® SIGNATURE LOUDSPEAKERS

N·E·A·R®

NEW!

SIGNATURE High-Performance Foreground Loudspeakers

S4/S4T & S5/S5T

NEAR Signature S4 & S5 Loudspeakers are compact, versatile, and feature NEAR's unique driver technologies which produce impeccable sound quality. With their compact form factor, these speakers are an excellent fit for most indoor environments or protected outdoor locations.

Designed to both sound and look great, these speakers employ NEAR's unique MDT and MLS technologies (see page 4); thick-walled, low-resonance ABS enclosures; scratch-resistant, powder-coated aluminum grilles; and compact, powder-coated cast aluminum adjustable swivel mounts.

N·E·A·R SIGNATURE

S4/S4T *Product Features:*

- Two models: S4 for 8 ohms; S4T for 70V & 8 ohms
- 75W at 8 ohms (S4 & S4T)
- 70V Power settings: 16, 8, 4, 2, 1 watts (S4T Only)
- 4-1/2" metal-alloy MDT™ mid/bass speaker cone is extremely stable in all environments

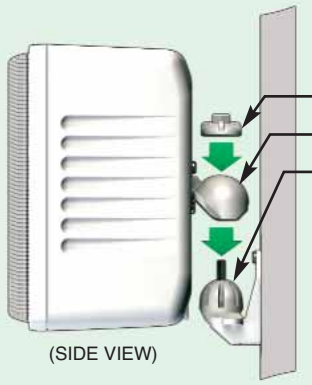
S5/S5T *Product Features:*

- Two models: S5 for 8 ohms; S5T for 70V & 8 ohms
- 150W at 8 ohms (S5 & S5T)
- 70V Power settings: 32, 16, 8, 4, 2, 1 watts (S5T Only)
- 5-1/4" metal-alloy MDT™ mid/bass speaker cone is extremely stable in all environments
- Professional Grade 1-1/2" diameter woofer voice coil provides higher output level and ultra-low distortion

S4/S4T & S5/S5T *Product Features:*

- High sensitivity and exceptional power handling
- Hemispherical mounting system makes it simple to mount, aim, and lock-in position of loudspeaker
- Patented MLS™ Ferrofluid voice coil centering replaces distortion-causing mechanical spider and seals magnet gap
- Unique MDT™ provides an extremely stable cone structure, fast transmission of sound, and efficiently heat-sinks the voice coils
- Wide, even coverage over listening area
- Low-resonance cabinet structure
- Precisely designed low-frequency tuning for proper balance
- Advanced polymer compound cone surrounds resist UV rays, chemicals, and salt spray
- Aluminum-alloy & Titanium cones, UV-protected ABS cabinets, and powder-coated aluminum grilles and mounting brackets assure long-term cosmetic and sonic durability
- Pressure clamping input terminals for quick installation
- Color-matched mounting bracket included *(see sidebar)*

Compact Swivel Mount Bracket Assembly



The NEAR Signature hemispherical swivel mount provides close-to-the-wall mounting, in both a vertical and horizontal orientation, while at the same time offfering a wide range of movement for accurate aiming of the loudspeaker.

2 COLOR CHOICES*:

BLACK WHITE

*Actual color may vary from these catalog samples.

Technical Specifications:

Model	Drivers	Frequency Response (-10dB)*	Sensitivity (1W@1 meter)	Dispersion	Power Handling	Dimensions	Product Weight
S4	HF: 1" Nominal Dia. LF: 4-1/2" Nominal Dia.	58 Hz- 18 kHz	86 dB SPL	Hor.: 150° Ver.: 120°	75W @ 8Ω	5-1/4" W x 8-1/4" H x 5-3/8" D (without bracket)	5 lb.
S4T					75W @ 8Ω or 16, 8, 4, 2, & 1W @ 70V	5-1/4" W x 8-1/4" H x 7-3/8" D (with bracket)	6 lb.
S5	HF: 1" Horn-Loaded LF: 5-1/4" Nominal Dia.	48 Hz- 17 kHz	89 dB SPL	Hor.: 130° Ver.: 110°	150W @ 8Ω	6-7/8" W x 9-3/4" H x 6-1/8" D (without bracket)	8 lb.
S5T					150W @ 8Ω or 32, 16, 8, 4, 2, & 1W @ 70V	6-7/8" W x 9-3/4" H x 8-1/8" D (with bracket)	9 lb.

* *Half Space Response*

NEAR® A-SERIES LOUDSPEAKERS

N·E·A·R®

A2, A2T **A6, A6T** **A8, A8T**

NEAR A-Series Speakers set the standard for smooth, accurate sound, attractive appearance, constant and reliable high performance, and rugged construction. Designed to perform beautifully under the toughest conditions, the A-Series combines outstanding aesthetic design with patented speaker technology for unsurpassed audio quality and weatherproof durability, ideal for music or paging.

Product Features:

- Maximum speaker power capacities of 100, 150, and 175 watts at 8 ohms; and 16, 32, and 64 watts at 70V *(T versions)*
- Coaxial and 2-way capability
- 8-ohm or 70V models
- High-precision, high-performance sound
- Long-term power handling for constant use
- Reduced distortion at all output levels
- Unsurpassed sound quality
- High dispersion of sound *(80° on A2, 110° on A6, and 100° on A8 models)*
- Completely weatherproof, fully-sealed cabinet for indoor and outdoor applications
- Withstands harsh weather conditions including sun, wind, rain, freezing temperatures, ice, and snow without affecting audio clarity or intelligibility
- Corrosion-resistant mounting hardware
- Rugged and durable construction
- Metal-alloy low-frequency drivers
- Special rubber driver surrounds
- Dual-layer aluminum voice coils, combined with Ferrofluid, provide efficient heat-sinking under long-term, high power situations
- Over-sized mounting knobs to secure mounting easily

NEAR Armadillo Speakers

Form follows function in the A-Series, a.k.a., the "armadillo" line. Its unique rounded ends and side corrugations, which give the speakers their characteristic "armadillo" shell look, are constructed of mineral-filled polypropylene. This dense molded material creates an extremely durable cabinet with excellent acoustic properties. Cabinet and components are impervious to salt spray and dust.

Tough, Through and Through

The A-Series is made of premium material components: die cast aluminum frames, hard anodized aluminum cones, black anodized aluminum voice coil formers, compound rubber cone surrounds, high-temperature adhesives, UV-inhibited mineral-filled polypropylene enclosure, powder-coated aluminum, perforated PVC plastic grilles, threaded brass inserts, and gold-plated connectors. These are the most durable materials used in any speaker in the industry!

3 COLOR CHOICES*:

BLACK GREEN WHITE

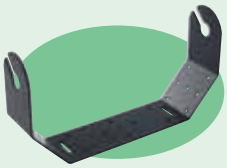
*Actual color may vary from these catalog samples.

Accessories

ASTB4
Terminal Block Electrical Cover
(Protects wires and connections from water and effects of weather)

(For A2, A6, and A8 models)

A-Series Mounting Bracket



- Quick and easy mounting brackets have slots for the speaker to slide in with side knobs attached
- Color finish *(black, green, or white)* matches speaker cabinet
- Heavy-gauge aluminum brackets *(stainless steel on A8 models)* are powder-coated to resist chipping and scratching

What Makes NEAR® Speakers So Unique?

- **MDT™ Technology – Metal Diaphragm Technology** uses metal-alloy drivers (not paper and plastic) for extremely stable speaker cones, even after long periods of time. MDT is light-weight, strong, and produces natural sound, significantly better phase response, musical accuracy, and fine detail of sound with ultra-low distortion.
- **MLS™ Design – Magnetic Liquid Suspension** uses the speaker's own magnetic field to precisely center the voice coil in the magnet gap. This eliminates the need for distortion-causing voice coil spiders found in conventional speakers and allows longer speaker excursion. A proprietary Ferrofluid seals the magnet gap and voice coil against moisture and corrosion and heatsinks the voice coil to the magnet structure for greater power handling, assuring long speaker life under difficult environmental conditions. With MLS, the centering actually becomes more accurate as the music becomes louder.

Unparalleled Performance

NEAR speakers lead the industry in metal speaker technology.

A NEAR speaker is unique because of its:

❶ **Advanced rubber compound cone surround**
❷ **Metal Diaphragm Technology**
❸ **Magnetic Liquid Suspension**
❹ **Sealed Magnet**

NEAR (New England Audio Resource) is a brand of Bogen Communications, Inc.

NEAR® A-SERIES LOUDSPEAKERS

N·E·A·R®

High-Output, Long-Throw Loudspeaker
A12

The **NEAR A12 High-Output, Long-Throw Loudspeaker** is the latest addition to the A-Series family of loudspeakers. Engineered to the same high standards, the A12 provides deep, rich bass and smooth highs as a complement to other NEAR loudspeakers.

The A12 is a high-power speaker that projects well in far-field applications as well as in more intimate settings. A built-in transformer means one speaker will work with 70V or 16-ohm systems. Dual metal-alloy mid/bass drivers and a Mylar high-frequency compression driver combine to minimize distortion and provide precise sound reproduction at any volume level.

From gold-plated input connectors to the patented Metal Diaphragm Technology (MDT) used in the two 6-1/2" drivers, all components of the A12 are designed with the goal of providing outstanding reliability and performance for years down the road - without compromising top-quality sound. Even the woofer frames and exterior housing have been designed to maximize sound quality and durability.

The A12 is ideal for both music and voice reproduction, and its powerful, highly directional output and weatherproof design make it the perfect speaker for sound reinforcement in outdoor venues like theme parks, amphitheaters, and sports fields.

Product Features:

- Dual 6-1/2" LF driver with horn-loaded HF driver
- One model for both 70V systems & low-impedance (16-ohm) systems
- Dual metal-alloy MDT™ mid/bass speaker cones are extremely stable in all environments
- Patented MLS™ Ferrofluid voice coil suspension replaces distortion-causing mechanical spider
- Rigid MDT diaphragm design delivers clear sound & low distortion
- Dual-layer voice coil with separate inner and outer windings for improved thermal path
- Horn-loaded compression driver features Mylar diaphragm for long-term, consistent performance
- High sensitivity and power handling for unmatched sound coverage
- Vented cabinet with specially-designed vent covers that resist water entry
- Improved compound rubber surrounds resist UV rays, chemicals, and salt spray
- Corrosion-resistant woofer frames and mounting hardware for long-lasting "like new" appearance
- Attractive styling with patented "armadillo" ridges improve durability as well as sound
- Gold-plated, rustproof input connectors
- Optional multi-angle tilting bracket for pole/wall mounting

Accessories

TMA812
Tilt Mount Adapter
Stainless Steel

(For A8 and A12 models)

BLACK ONLY

NEAR A-Series & A12 Loudspeaker Technical Specifications

Model*	Drivers	Frequency Response†	Sensitivity (1W@1 meter)	Dispersion	Impedance	Power Handling	Design Type	Dimensions	Product Weight
A2*	6" metal-alloy hard anodized woofer; 1/2" polycarbonate tweeter	55 Hz-20 kHz	88 dBspl	Horizontal: 80 degrees; Vertical: 80 degrees	8-ohm	100 watts	Coaxial	9" W x 8" dia. x 8-1/4" D (with knob & bracket)	8 lb.
A2T*					70V	16 watts (16W, 8W, 4W tap settings)			10 lb.
A6*	6" metal-alloy hard anodized woofer; 1-1/8" pure titanium low diffraction inverted tweeter	50 Hz-20 kHz	89 dBspl	Horizontal: 110 degrees; Vertical: 45 degrees (up), 35 degrees (down)	8-ohm	150 watts	2-way	13-7/8" W x 7-1/8" H x 7-3/4" D (with bracket)	11 lb.
A6T*					70V	32 watts (32W, 16W, 8W tap settings)			12 lb.
A8*	8" metal-alloy hard anodized woofer; 1-1/8" pure titanium low diffraction inverted tweeter	45 Hz-20 kHz	91 dBspl	Horizontal: 100 degrees; Vertical: 35 degrees (up), 45 degrees (down)	8-ohm	175 watts	2-way	17-7/8" W x 10-1/4" H x 10" D (with bracket)	18 lb.
A8T*					70V	64 watts (64W, 32W, 16W tap settings)			20 lb.
A12	(2) Metal Composite 6-1/2" Woofers, 1.9" Mylar HF Diaphragm	55 Hz-17.5 kHz	94.5 dBspl	Horizontal: 90 degrees; Vertical: 45 degrees	16-ohm/70V	225W at 16-ohm, 128W at 70V (128W, 64W, 32W, 16W, 8W tap settings)	2-way, 3-Driver	10-1/4" W x 17-7/8" H x 11-3/4" D	22 lb.

* Colors specified by adding suffix to model number: BLK (black), GRN (green), or WHT (white).
† (-10 dB)

CEILING SPEAKERS

High-Fidelity Ceiling Speakers

HFCS1, HFCS1LP

Bogen's coaxial 2-way, **High-Fidelity Ceiling Speakers** deliver unsurpassed performance and value.

HFCS1

HFCS1LP

Product Features:

- Installs into a variety of ceiling environments including suspended ceilings and hard-surfaced ceilings
- Large steel back can for extended bass response *(HFCS1)*
- Low-profile housing allows greater range of installation depths *(HFCS1LP)*
- Computer-matched venting system for excellent bass output
- Wide dispersion coaxial driver provides broad, even coverage
- Good off-axis response with smooth contouring
- Easy-to-install mounting system for a variety of ceiling types
- High power handling capability for foreground sound
- Selectable power taps via front-mounted rotary control under grille
- Easy wiring with 4-terminal snap-on input connector *(providing loop-through)*
- 3/4" durable polycarbonate tweeter cone
- 6-1/2" highly stable polypropylene cone
- Sensitivity: 89 dBspl @ 1W/1m
- Off-white ABS baffle ring and perforated steel grille *(both paintable)*
- Attachment point for seismic cable
- Fire-rated *(94VO)* ABS baffle
- Listed to UL Standard 60065 for US & Canada

Accessories

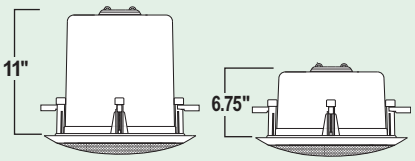
CK10
10 ft. Cable Kit *(Silver)*

TBCR
Tile Bridge Support Ring

Technical Specifications:

Model	Impedance	Power Handling	Frequency Response	Dimensions	Product Weight
HFCS1/ HFCS1LP	16 ohms	75W	*HFCS1:* 65 Hz-19 kHz	*HFCS1:* 12-5/16" dia. x 12" D	*HFCS1:* 9 lb.
	70V	32, 16, 8, 4, 2, & 1 W taps	*HFCS1LP:* 78 Hz-19 kHz	*HFCS1LP:* 12-5/16" dia. x 7-3/4" D	*HFCS1LP:* 8 lb.
	100V	32, 16, 8, 4, & 2 W taps			

OPENING DEPTH



HFCS1 HFCS1LP

MPS1B

MPS1W

2 COLOR CHOICES*:

BLACK WHITE

*Actual color may vary from these catalog samples.

Mini Pendant Speaker

MPS1

The Bogen **MPS1 Mini-Pendant Speaker** is an excellent choice for high ceiling and open space environments.

Product Features:

- Wide dispersion 4-1/2" driver for broad, even coverage; superb off-axis response
- High-efficiency drivers deliver superior performance
- For 70V and 16-ohm low-impedance systems
- Computer-matched venting system for extended bass output
- High-power handling capability for foreground sound/high-ambient noise environments
- Selectable power taps via rear-mounted control; 32, 16, 8, 4, 2, 1 watts @ 70V
- Low-resonance cabinet structure improves mid-range clarity
- Central attachment point for suspension and second point provided for safety cable
- Quick & Easy wiring with snap-on connector
- Simple single point suspension method
- Powder-coated perforated steel grille
- Paintable ABS finish

Accessories

CK10B *(Black)*
CK10W *(Off-white)*
CK10 *(Silver)*
10 ft. Cable Kits

Technical Specifications:

Model	Impedance	Sensitivity (1W/1m)	Frequency Response (-10 dB)	Dimensions	Product Weight
MPS1	Low (16 ohms)/ High (70V)	85 dB (Avg. 100 Hz-10 kHz)	50 Hz-14 kHz	12" dia. x 7-7/8" H	5 lb.

CEILING SPEAKERS

High-Fidelity Ceiling Subwoofer

CSUB

The Bogen **CSUB Ceiling Subwoofer** delivers outstanding bass response in both suspended ceiling and sheetrock installations. The CSUB can provide deep, rich bass response to any speaker system. Perfect accompaniments to the CSUB are Bogen's HFSF1 and HFCS1/LP ceiling speakers, as well as NEAR's OCS1 ceiling loudspeaker.

The CSUB offers six levels of power output settings plus an 8-ohm position controlled via a front-mounted, rotary tap selector switch (under grille). The low-distortion speaker design, coupled with a computer-matched venting system, delivers exceptional low-frequency response for music. The mechanical CSUB design features four swing-out mounting clamps that eliminate the need for a separate tile bridge when used in suspended ceiling applications.

Product Features:

- Flat bass response down to 40 Hz
- Computer-matched venting system for full bass output
- 11" deep enclosure clearance
- Integral swing-out mounting clamps eliminate need for tile bridge
- High power handling capability for foreground sound
- Selectable power taps via front-mounted control
- Power taps: 64, 32, 16, 8, 4, and 2 watts @ 70V
- 8-ohm selector position for low-impedance systems
- Compound rubber surround for lasting performance
- Easy wiring with plug-in connector providing loop-through terminals
- Fire-rated (94V0) ABS baffle
- Attachment point for seismic safety cable
- Input terminal cover with conduit knockout
- Attractive, contemporary, sturdy steel grille assembly with fine perforations
- Off-white, paintable finish
- Listed to UL Standard 60065 for US and Canada

Accessories

CK10
10 ft. Cable Kit
(Silver)

Technical Specifications:

Impedance	Power Handling	Sensitivity	Frequency Response	Dimensions	Product Weight
8 Ω Nominal	150W (8 Ω)	91 dBspl @ 1W/1m	40 Hz -125 Hz	15-1/2" dia. x 12-1/2" D	20 lb.
70V Settings	64, 32, 16, 8, 4, 2W taps (70V)				

High-Fidelity Ceiling Speaker

HFSF1

The Bogen **HFSF1 High-Fidelity, Small-Footprint Ceiling Loudspeaker** delivers superior sound in a very compact enclosure. The speaker is unobtrusive at only 7-1/4" in diameter, and mounts easily in all types of ceilings including existing hard-surface types and suspended ceilings.

The low-distortion, coaxial-design speaker, coupled with a computer-matched venting system, delivers superb fidelity for music as well as high intelligibility for voice reinforcement. Coupled with the Bogen CSUB Ceiling Subwoofer, it provides the perfect solution for environments that require the highest-quality sound with minimal visual impact.

Product Features:

- Superior sound in a very compact enclosure
- Wide-dispersion coaxial driver for broad, even coverage; superb off-axis response
- Small footprint, visually appealing
- Only 6-1/4" diameter ceiling opening required
- Installs in wide range of ceiling types
- For 70V and low-impedance systems
- Selectable power taps via control mounted under grille; 16, 8, 4, 2, 1 watts at 70V
- 16-ohm selector position for low-impedance systems
- Quick wiring with removable plug-in connector providing loop-through terminals
- Attachment point for seismic safety cable
- Input terminal cover with conduit knockout
- Fire-rated (94V0) ABS baffle
- Compound rubber surround for lasting performance year after year
- Integral mounting clamps tighten quickly and firmly
- Tile bridge (TBSF) accessory recommended for suspended ceiling installations
- Off-white, paintable finish
- Listed to UL Standard 60065 for US and Canada

Accessories

CK10
10 ft. Cable Kit
(Silver)

TBSF
Tile Bridge Support Ring

Technical Specifications:

Impedance	Power Handling	Sensitivity	Frequency Response	Dimensions	Product Weight
16 Ω Nominal	50W (16Ω)	86 dBspl @ 1W/1m	78 Hz - 20 kHz	7-1/4" dia. x 7-1/2" D	4.5 lb.
70V Settings	16, 8, 4, 2, 1W taps (70V)				

DROP-IN CEILING SPEAKERS

Drop-In Ceiling Speakers

Bogen's **Drop-In Ceiling Speakers** are full-range loudspeakers that allow fast and simple installation, which saves time, effort, and cost. Depending on whether your ceiling grid is 2' x 2' or 2' x 4', the speaker can be dropped directly into place or by simply making a single cut to the ceiling tile, placing the tile support rail, and then inserting the speaker into position.

CSD1X2(U), CSD1X2VR(U)

70V and 25V Operation

- 1ft. X 2ft. with back can enclosure
- 4-watt, 70V/25V transformer
- 4, 2, 1, 1/2, & 1/4-watt tap settings; selectable by rotary switch
- Fully enclosed, industrial grade steel construction
- 8" main cone with secondary high-frequency cone; 10 oz. magnet weight
- Plenum-rated — meets requirements of UL standard 2043 for smoke and heat release (report available online)
- Front-mounted, recessed volume control versions available (VR)
- Listed to UL Standard 1480 for US

CSD1X2NB(U), CSD1X2NBVR(U)

70V and 25V Operation

- 1ft. X 2ft. exposed driver (no back can enclosure)
- 4-watt, 70V/25V transformer
- 4, 2, 1, 1/2, 1/4, & 1/8-watt taps; selectable by stripped & tinned wire leads
- Industrial grade steel construction
- 8" cone speaker; 6 oz. magnet weight
- Front-mounted, recessed volume control versions available (VR)

CSD2X2(U), CSD2X2VR(U)

70V and 25V Operation

- 2ft. X 2ft. with back can enclosure
- 4-watt, 70V/25V transformer
- 4, 2, 1, 1/2, & 1/4-watt tap settings; selectable by rotary switch
- Fully enclosed, industrial grade steel construction
- 8" main cone with secondary high-frequency cone; 10 oz. magnet weight
- Plenum-rated — meets the requirements of UL standard 2043 for smoke and heat release (report available online)
- Front-mounted, recessed volume control versions available (VR)
- Listed to UL Standard 1480 for US

CSD2X2L(U)

Low-impedance (8-ohm) Operation

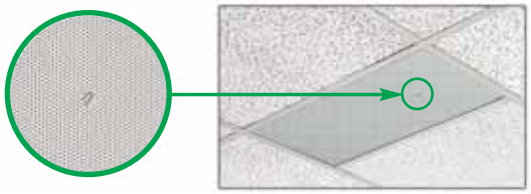
- 2ft. X 2ft. with back can enclosure
- Low-impedance: 8-ohm speaker, 15W maximum power
- Fully enclosed, industrial grade steel construction
- 8" main cone with secondary high-frequency cone; 10 oz. magnet weight
- Plenum-rated — meets the requirements of UL standard 2043 for smoke and heat release (report available online)
- Listed to UL Standard 1480 for US

All Drop-In Ceiling Speakers Feature:

- Finely perforated grille over entire front of speaker
- Tile Support Rail crossbar (included) for use with 2' x 4' and 2' x 2' suspended tile ceilings
- Bright White ("U" versions) or Off-white finish
- Seismic attachment points

Now available in Bright White & Off-white

VR Versions ***(with front-mounted recessed volume control)***

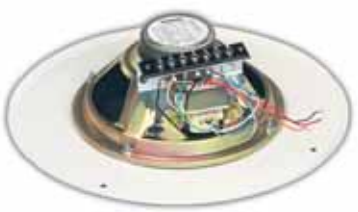


Model	Dimensions	Product Weight
CSD1X2/VR	12-1/4" W x 5" H x 24" D	10 lb.
CSD1X2NB/VR	12-1/4" W x 3-1/4" H x 24" D	7 lb.
CSD2X2/VR/L	24" W x 4-7/8" H x 24" D	12 lb.

NOTE: For Bright White versions, add "U" to end of model number.

Model	Speaker Size: 1 ft. x 2 ft.	Speaker Size: 2 ft. x 2 ft.	Grille Color: Off-white	Grille Color: Bright White (U)	Impedance: 70V/25V (4W max.)	Impedance: 8-ohm (L) (15W max.)	Speaker Back Can	Exposed Driver (NB)	Recessed Volume Control (VR)
CSD1X2	●		●		●		●		
CSD1X2U	●			●	●		●		
CSD1X2VR	●		●		●		●		●
CSD1X2VRU	●			●	●		●		●
CSD1X2NB	●		●		●			●	
CSD1X2NBU	●			●	●			●	
CSD1X2NBVR	●		●		●			●	●
CSD1X2NBVRU	●			●	●			●	●
CSD2X2		●	●		●		●		
CSD2X2U		●		●	●		●		
CSD2X2VR		●	●		●		●		●
CSD2X2VRU		●		●	●		●		●
CSD2X2L		●	●			●	●		
CSD2X2LU		●		●		●	●		

CEILING SPEAKER ASSEMBLIES



S86T725PG8W(U) & Variations

S810T725PG8W(U) & Variations

Now available in Bright White ("U" versions) & Off-white ("W" versions)

Bogen's **Ceiling Speaker Assemblies** consist of an 8" Cone Speaker *(S86 or S810)* pre-assembled onto a 13" steel ceiling grille painted with off-white *(PG8W) or* bright white *(PG8U)* enamel. Options for these assemblies are recessed volume control *(VR)*, volume control with knob *(VK)*, and rear-mounted screw terminal strip for power taps *(BR)*.

Product Features:

- 4-watt capacity
- 8" cone speaker for excellent audio quality
- 6 different power taps available *(4, 2, 1, 1/2, 1/4, 1/8 W)*
- T725 4-watt transformer
- Pre-assembled for faster installation
- Off-white enamel over steel grille *("W" versions)*
- Bright white enamel over steel grille *("U" versions)*
- Works with both 70V and 25V amplifier outputs
- Available with volume control – recessed or knob *(VR & VK models only)*
- Screw terminals *(BR models only)*
- 6 oz. or 10 oz. magnet weights

Dimensions:	13" dia. x 3-1/4" D

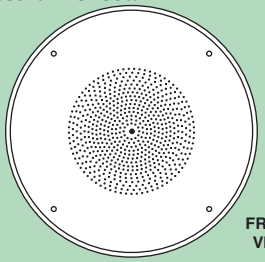
Model	Magnet Weight	Frequency Response	Sensitivity (4ft./1W)	No Volume Control	Recessed Volume Control (VR)	Volume Control w/Knob (VK)	Screw Terminals (BR)	Shipping Weight (6/carton)
S86T725PG8W	6 oz.	50 Hz-12 kHz	95 dBspl	●				27 lb. / carton
S86T725PG8WVR					●			
S86T725PG8WVK						●		
S86T725PG8WBR				●			●	28 lb. / carton
S86T725PG8WBRVR					●		●	
S86T725PG8WBRVK						●	●	
S810T725PG8W	10 oz.	70 Hz-15 kHz	96 dBspl	●				30 lb. / carton
S810T725PG8WVR					●			
S810T725PG8WVK						●		

NOTE: For Bright White versions, replace the "W" in each model number with a "U".

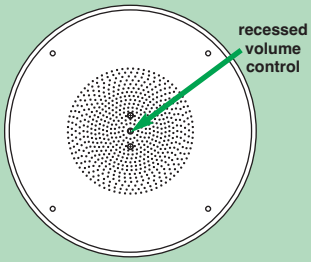
Ceiling Speaker Assembly Variations

Bogen ceiling speaker assemblies consist of an 8" cone speaker (S86 or S810) mounted in an enamel, steel-finished ceiling grille (PG8W or PG8U) with a transformer (T725). The assemblies are available in several options, as outlined here:

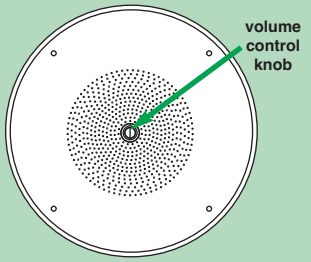
- **No Volume Control – S86/S810T725PG8W***



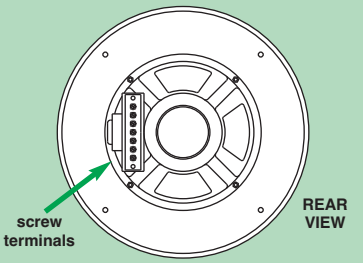
- **Recessed Volume Control – S86/S810T725PG8WVR***



- **Volume Control Knob – S86/S810T725PG8WVK***



- **Screw Terminal Strip – S86T725PG8WBR***

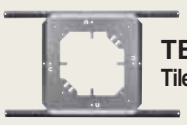


** Replace "W" with "U" for Bright White grille color models.*

Accessories

RE84 Ceiling Speaker Enclosure

MR8 Mounting Ring



TB8 Tile Bridge

METAL BOX SPEAKERS

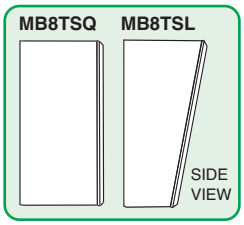
Metal Box Speakers

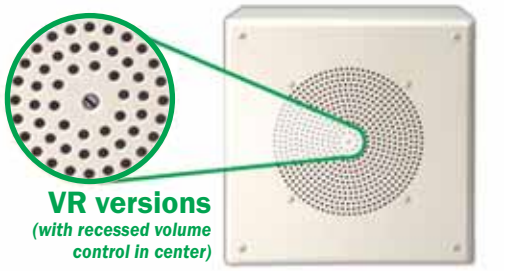
MB8TSL, MB8TSLVR, MB8TSQ, MB8TSQVR

Bogen's **Metal Box Speakers** feature all-steel construction, surface-mounted enclosure with an 8" cone loudspeaker and 4-watt 70V/25V transformer. The MB8TSL is designed primarily for wall mounting, and its face is angled downward 12.5 degrees. The MB8TSQ is suitable for ceiling or wall mounting. "VR" versions include a recessed volume control.

Product Features:

- Rugged all-steel, surface-mounted, off-white painted enclosure
- Full-range 8" cone speaker for excellent intelligibility
- Compatible with 70V/25V amplifier systems
- 4-watt maximum power
- 6 power taps available *(4, 2, 1, 1/2, 1/4, 1/8 watts)*
- Mounting hardware included
- Wiremold® knockouts
- "VR" versions include a recessed volume control





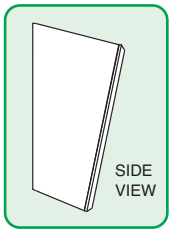
Models	Front Panel Design	Frequency Response	Sensitivity (dBspl @ 1W)	Dimensions	Product Weight
MB8TSL/VR	Slant/Angle	110 Hz-15 kHz	96	11-5/8" W x 11-3/8" H x 5-3/8" D (Top Dimension) 11-5/8" W x 11-3/8" H x 3-1/8" D (Bottom Dimension)	9 lb.
MB8TSQ/VR	Square/Flat	110 Hz-15 kHz	96	11-5/8" W x 11-5/8" H x 4-1/4" D	9 lb.

Wiremold® is a registered trademark of Wiremold/Legrand.

WALL BAFFLE SPEAKERS

WBS8T725, WBS8T725V, WBS8T725BR, WBS8T725BRV, WBS810T725

Bogen **Wall Baffle Speakers** consist of 8" cone speakers *(S86 or S810)* pre-assembled into a simulated walnut-finished wooden enclosure with a black grille cloth on front. These wall baffles are handsomely styled and ruggedly built with 3/8" particle board reinforced at the corners. Designed for wall mounting, the face is angled downward 13.5 degrees. Recessed volume control and terminal strip are available options on the WBS8T725 model.



Product Features:

- 4-watt capacity
- 6 power taps available *(4, 2, 1, 1/2, 1/4, 1/8 watts)*
- Simulated walnut finish
- Works with both 70V and 25V amplifier outputs
- Pre-assembled for faster installation
- 8" cone speaker for excellent audio quality
- 6 oz. or 10 oz. magnet weights
- Recessed volume control available *(V models only)*
- Screw terminals available *(BR models only)*
- Easy wall-mount installation
- Mounting hardware included

Dimensions
9-1/2" W x 9-1/2" H x 5-1/4" D (3-1/4" D @ bottom)

Model	Magnet Weight	Frequency Response	Sensitivity (4ft./1W)	No Volume Control	Recessed Volume Control (V)	Screw Terminals (BR)	Shipping Weight (4/carton)
WBS8T725	6 oz.	50 Hz-12 kHz	95 dBspl	●			18 lb. / carton
WBS8T725V					●		
WBS8T725BR				●		●	
WBS8T725BRV					●	●	19 lb. / carton
WBS810T725	10 oz.	70 Hz-15 kHz	96 dBspl	●			20 lb. / carton

FOREGROUND SPEAKERS

FG-Series Speakers

The **FG-Series** of 2-way speakers is designed to deliver high-quality, wide frequency response audio in a compact cabinet. Perfect for supplying foreground as well as background music, the speaker line is available in three power ratings.

Product Features:

- 15-, 20-, and 30-watt models
- Smooth, wide frequency response
- Compact and rugged plastic cabinets
- Works with both 70V and 8-ohm speaker systems
- U-Mounting bracket included
- Rotary switch-selected power rating for 70V systems
- Splashproof for use in damp environments *(FG20S only)*
- FG15 available in Black *(B)* and Off-white *(W)*

FG15B
(Black)

FG15W
(Off-White)

FG30, FG20S

Accessories

FGSM
Swivel Mount
(Black)

FGSMW
Swivel Mount
(Off-white)

Model	Power Capacity (watts)		Frequency Response	Sensitivity (dBspl@1W)	Low-Freq Driver	High-Freq Driver	Dimensions	Product Weight
	70V Systems	8 ohms						
FG15B	15, 7.5, 4, 2 & 1	15	100 Hz - 20 kHz	86	3" paper	3/4" Mylar	4-5/8" W x 7-1/4" H x 5" D	4 lb.
FG15W								
FG20S	20, 15, 10 & 5	20	80 Hz - 20 kHz	84	5" plastic	3/4" Mylar	5-7/8" W x 9" H x 5-5/8" D	6 lb.
FG30	30, 20, 15 & 10	30		86	5" paper			5 lb.

SOUND COLUMNS

SCW20, SCW35

SCW35

SCW20

Bogen's **Sound Columns** provide effective sound reinforcement for installations with large areas, using a minimum number of speakers. Each column has a vertical array of speakers producing a highly directed sound dispersion pattern for reduced reflection from the room's floor and ceiling.

Product Features:

- 20- or 35-watt models
- Works with 8-ohm speaker systems
- Four 5" speakers *(SCW20)* or six 6" speakers *(SCW35)*
- Controlled sound projection
- Uniform sound level & reduced feedback
- Clear and intelligible speech reproduction
- Polarized screw terminals
- Acoustically lined, particle board construction: 3/8" *(SCW20)*, 1/2" *(SCW35)*
- Simulated oiled walnut, black grille
- Mounting hardware included

Model	Maximum Power Capacity (Watts)	Frequency Response	Sensitivity (dBspl@1W)	Dispersion Angle (degrees)	Dimensions	Product Weight
SCW20	20	80 Hz - 14 kHz	100	Vert: 45, Hor: 90	7-1/2" W x 20" H x 5" D	10 lb.
SCW35	35	70 Hz - 16 kHz	105	Vert: 25, Hor:120	9-1/2" W x 42" H x 6" D	21 lb.

FLANGE-MOUNTED HORN SPEAKER

FMH15T

The Bogen **FMH15T** is a flange-mounted, high-intelligibility, reentrant-type loudspeaker. Its sturdy, weatherproof, vandal-resistant, all-metal construction is ideal for indoor and outdoor use. It has a built-in tap selector switch for selecting the speaker power in 70V or 25V constant-voltage systems.

Product Features:

- Excellent efficiency and voice intelligibility
- Weather-sealed tap selector switch
- 15 watts max. @ 70V or 25V
- Select flush (BBFM6) or surface (BBSM6) mount enclosure for installation *(each sold separately)*
- Vandal-resistant accessory components for hostile-environment applications
- Heavy-duty cast aluminum grille (SGHD8) and adapter ring (FMHAR8) for installation *(each sold separately)*
- All-metal with black enamel finish

Power Taps (Watts)		Frequency Response	Sensitivity (dBspl@1W)	Dispersion Angle	Dimensions	Product Weight
70V	25V					
15, 7.5, 3.6, 1.8, 0.9	15, 7.0, 1.8, 0.9, 0.5, 0.25, 0.125	600 Hz -14 kHz	104	100°	6-7/8" dia. x 5-1/2" D	3 lb.

Accessory Components

BBSM6
Surface-Mount Enclosure
(11"W x 11"H x 6"D)

BBFM6
Flush-Mount Enclosure
(9-7/8"W x 9-7/8"H x 6"D)

SGHD8
Heavy-Duty Grille
(11"W x 11"H x 1/2"D)

FMHAR8
Adapter Ring

HORN LOUDSPEAKERS

SPT5A, SP58A

SPT15A, SP158A, SPT30A+, SP308A+

BDT30A*

Bogen's Horn Loudspeakers offer high efficiency and excellent intelligibility. Rotary switch-selected power taps make installation quick and easy. SPT and BDT models are compatible with 70V and 25V paging systems, SP models are 8-ohm versions. The KFLDS30T is a 70V/25V wide dispersion, high-intelligibility, reentrant type loudspeaker. The IH8A is a paging horn.

KFLDS30T

Product Features:

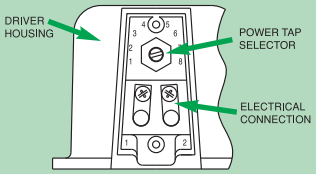
- **Maximum speaker power capacities of 7.5, 15, and 30 watts**
- **Rotary switch-selected power taps on transformer models**
- **Constant voltage *(70V/25V)* and 8-ohm versions *(KFLDS30T and BDT30A are 70V/25V only)***
- **Tilt & swivel base for easy positioning**
- **Sturdy, all-metal construction with mocha enamel finish *(KFLDS30T horn flare is constructed of polycarbonate)***
- **Weatherproof design**
- **Twin reentrant horns for bi-directional projection *(BDT30A only)***
- **KFLDS30T provides wide-angle projection with a rotatable horn flare**

IH8A

+ For style only, product is larger
* Some assembly required

Special Protection

The SPT15A, SPT30A, BDT30A and KFLDS30T use a cast aluminum end bell specially designed to make them weatherproof. A rotary selector switch is used to set the specific power tap for the speaker. This switch's entry into the end bell is sealed by a special mounting nut with an integral O-ring. A removable plastic panel protects both the rotary switch and the electrical connections. This panel provides a narrow opening for the speaker wires to exit, reducing the chance of water infiltration.



Tilt & Swivel Base

Bogen's 15- and 30-watt horns include a unique and easy-to-use tilt and swivel mounting base that provides nearly 180 degrees of tilt and a full 360 degrees of swivel. A single wing nut locks in the angle of the speaker. Loosening the wing nut frees the speaker in each rotational axis, making it fast and easy to precisely aim the speakers where the sound is needed. The base provides three holes for screw mounting and a slot to allow strapping the speakers to beams. The actual mounting base can easily be removed so that the base can be installed separately. The speakers can then be attached to the bases at a later time.

Accessories

BC1
Beam Clamp

TCSPT1
Terminal Cover for Conduit
(For BDT30A, KFLDS30T, SP158A, SP308A, SPT15A, & SPT30A)

HSES10
Horn Speaker Electrical Box Strap (pack of 10)
(Not for SP58A & SPT5A)

Model	Max Power Capacity (Watts)	Frequency Response	Sensitivity (dBspl, 1W @ 4ft.)	Max Sound Level (dBspl, full power @ 4ft.)	Power Taps (Watts) 70V	Power Taps (Watts) 25V	Low-Impedance 8-ohm	Dispersion Angle (degrees)	Connection	Dimensions	Product Weight
SPT5A	7.5	250 Hz-14 kHz	96	105	7.5, 5, 2.5, 1.25, 0.6	1, 0.68, 0.31	No	120°	Wire Lead	6" dia. x 4" D	2 lb.
SP58A					N/A	N/A	Yes				
SPT15A	15	275 Hz-14 kHz	109	121	15, 7.5, 3.8, 1.8, 0.9	15, 7.5, 1.8, 0.94, 0.46	No	110°	Screw Terminal	9" dia. x 9-1/4" D	4 lb.
SP158A					N/A	N/A	Yes				3 lb.
SPT30A	30	225 Hz-14 kHz	110	125	30, 15, 7.5, 3.7, 1.8	15, 7.5, 3.7, 1.8	No	100°	Screw Terminal	11" dia. x 10-1/2" D	6 lb.
SP308A					N/A	N/A	Yes				5 lb.
BDT30A	30	225 Hz-14 kHz	106**	121**	30, 15, 7.5, 3.7, 1.8	15, 7.5, 3.7, 1.8	No	100°**	Screw Terminal	9-5/8" dia. x 12-1/8" D**	7 lb.
IH8A	15	350 Hz-14 kHz	108	120	N/A	N/A	Yes	130°	Wire Lead	6-1/4" dia. x 7-1/2" D	3 lb.
KFLDS30T	30	300 Hz-12 kHz	104	119	30, 15, 7.5, 3.7, 1.8	15, 7.5, 3.7, 1.8, 0.9, 0.5, 0.25	No	70° (Vert.) x 95° (Horiz.)	Screw Terminal	14-3/8" W x 8-1/4" H x 12-7/8" D	6 lb.

** Each Horn

ATTENUATORS

AT10A, AT35A & ATP10, ATP35

Both **Attenuator Series (AT and ATP)** allow the output level of a group of loudspeakers to be set from a wall-mounted volume control, without affecting overall amplifier volume settings. The ATP-Series also has a priority bypass function which overrides the volume control knob to provide full volume audio to the speakers.

AT35A

AT10A

ATP35

ATP10

Product Features:

- Adjusts loudspeaker output levels on 25V & 70V systems
- 2 Models control up to 10-watt or 35-watt speaker systems
- Priority override of volume/Emergency Bypass feature (ATP models)
- 10 Attenuation steps and an off setting
- Mounts in standard electrical box; single (AT10A, ATP10) or double (AT35A, ATP35)
- Simple connections

Model	Power Rating	Gang Box	Emergency Bypass	Dimensions*	Product Weight
AT10A	10 watts	Single		2-3/4" W x 4-1/2" H x 2-3/4" D	13 oz.
AT35A	35 watts	Dual		4-5/8" W x 4-5/8" H x 3" D	14 oz.
ATP10	10 watts	Single	●	2-3/4" W x 4-1/2" H x 2-5/8" D	13 oz.
ATP35	35 watts	Dual	●	4-5/8" W x 4-5/8" H x 3" D	14 oz.

*Depth from front of plate

Bypass Feature

In certain rooms such as training or conference rooms where meetings or presentations are held, paging announcements are considered interruptions. To avoid or eliminate such interruptions, speakers installed in these rooms may use attenuators to set speaker volume low or off. In these cases, emergency messages would not be heard by individuals in these rooms.

To ensure critical messages are heard, the ATP-Series Attenuators include a Bypass Function that sets emergency messages to full volume - to all speakers the attenuator controls - even if the speakers' volume control knobs are set low or off. A trip voltage of between 9V and 30V DC causes the attenuator to bypass the volume control function and provides full volume audio to the speakers. This is a critical and ideal function in emergency situations when a message must be sent to all individuals in a building.

VANDAL-RESISTANT SPEAKERS

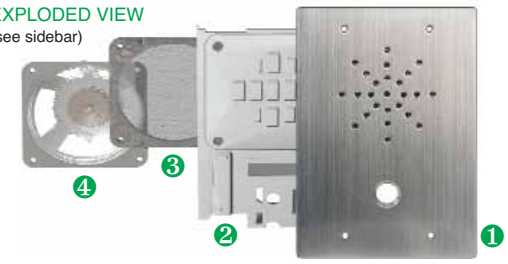
VRS1

VRS2

VRS1, VRS2

These **Vandal-Resistant Speaker** assemblies ensure that sound communication gets through reliably, despite being located in environments susceptible to damage and destruction. The assembly includes a 3" plastic cone speaker, securely located and protected behind steel barriers. Available with or without call button.

EXPLODED VIEW
(see sidebar)



Product Features:

- Withstands attempts at vandalism in hostile environments
- Four layers of defense: ❶ a heavy-duty 11-gauge stainless steel faceplate, ❷ a baffled steel guard protects the speaker from puncture, ❸ a finely perforated screen stops thin, flexible objects from damaging the moisture-resistant plastic speaker cone, and ❹ weather-resistant cone
- Grille openings are cross-positioned so that nothing can enter the speaker, not even the smallest or sharpest objects
- Unbreakable metal call button *(VRS1 only)*; VRS2 available without call button
- Optional low-impedance, 8-ohm speaker operation
- Mounts with one-way security screws *(included)*
- 1/2-Watt speaker power on 25V speaker line
- 3" Weather-resistant cone speaker

Dimensions	Shipping Weight
5-1/2" W x 7-3/4" H x 1-3/4" D	4 lb.

Extreme Human Environments

It takes a specially-engineered speaker to stand up to the extreme abuse of human beings. The VRS-Series has been installed in some of the most demanding applications, from high-crime area door-answer systems to some of the most notorious correctional facilities.

What Tough Is (Exploded View)

The VRS-Series features an 11-gauge stainless steel faceplate (#1). That's a solid 1/8" of the hardest steel around.

Behind that, there's a heavy-duty steel barrier (#2) which is designed to let sound out and nothing in. The barrier is baffled so that knives, nails, paper clips, and anything else that might fit into the grille openings will not enter the speaker nor make contact with the speaker's cone.

Then for further protection, a finely perforated metal grille (#3) covers the entire speaker to intercept any object that might snake its way through the baffles of the steel barrier.

The VRS-Series not only keeps objects out, but fluids also cannot damage the speaker because the speaker's cone is made of weather-resistant plastic (#4).

CONE SPEAKERS

S86, S86T725, S86T725BR, S810, S810T725

Bogen offers **8" Unmounted Cone Speakers** with 6 or 10 oz. magnets, with or without speaker transformers.

Product Features:

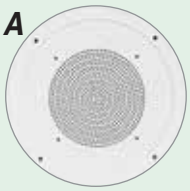
- Works with both 70V and 25V amplifier outputs *(models with transformers)*
- 8" cone speaker for excellent audio quality
- Easy to install in wall baffles or ceiling grilles *(see below)*

Model	Speaker	Magnet Weight	Frequency Response	Sensitivity	Power Taps (in Watts)	Connections	Dimensions	Shipping Weight (16/carton)
S86	S86	6 oz.	50 Hz - 12 kHz	95 dBspl	8 ohms @ 7W	Push-on Lugs	8" Dia. x 3-1/4" D	25 lb. / carton
S86T725	S86	6 oz.	50 Hz - 12 kHz	95 dBspl	4, 2, 1, 1/2, 1/4, 1/8	Wire	8" Dia. x 3-1/4" D	32 lb. / carton
S86T725BR	S86	6 oz.	50 Hz - 12 kHz	95 dBspl	4, 2, 1, 1/2, 1/4, 1/8	Screw Terminal	8" Dia. x 3-1/4" D	36 lb. / carton
S810	S810	10 oz.	70 Hz - 15 kHz	96 dBspl	8 ohms @ 15W	Push-on Lugs	8" Dia. x 3-1/2" D	34 lb. / carton
S810T725	S810	10 oz.	70 Hz - 15 kHz	96 dBspl	4, 2, 1, 1/2, 1/4, 1/8	Wire	8" Dia. x 3-1/2" D	50 lb. / carton

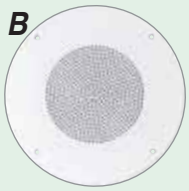
GRILLES

CG8AW, SG8W, PG8A, PG8W, PG8U

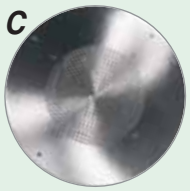
Bogen provides a wide selection of attractive **Ceiling Grilles** in off-white or bright white enamel and aluminum finishes. Each grille is shipped with the hardware needed to mount a speaker to the grille.



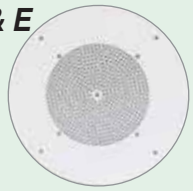
CG8AW



SG8W*



PG8A



PG8W *(shown)*, PG8U

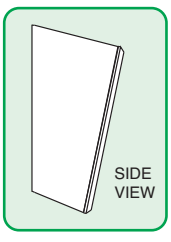
Model	Figure	Material	Finish	Style	Diameter	Quantity	Shipping Weight (carton)
CG8AW	A	Aluminum	Off-white Enamel	Contoured	12-5/8"	15 / carton	9 lb.
SG8W	B	Steel	Bright White Enamel	Low Profile*	13"	10 / carton	14 lb.
PG8A	C	Aluminum	Satin Aluminum	Low Profile	13"	20 / carton	12 lb.
PG8W	D	Steel	Off-white Enamel	Low Profile	13"	20 / carton	26 lb.
PG8U	E	Steel	Bright White Enamel	Low Profile	13"	20 / carton	26 lb.

** Features hidden speaker mounting studs*

WALL BAFFLE

WB8

Bogen's **Wall Baffle** is ruggedly constructed of 3/8" particle board with reinforced corners. It is finished in simulated walnut and will house any Bogen 8" speaker. A sloping front panel *(13.5 degrees)* provides enhanced downward dispersion. Hardware for mounting a speaker to the baffle included.



Dimensions	Shipping Weight (4/carton)
9-1/2" W x 9-1/2" H x 5-1/4" D (3-1/4" D at bottom)	10 lb. / carton